

Cal OES Daily Situation Report

March 10, 2014



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Duty Officer	
EDO	Jim Ayre
CSWC Watch Officer	Ronald DeMayo (Day), Grady Tunnell (Night)
FDO	Joe Gear
LDO	Paul Walters
IDO	Deborah Vercammen
CDO	Nancy Smith
SDO	Sherryl Jones
PIO	Kelly Huston
TCOM	Jeffrey Howell
IT	James Hancock
EQTP	Mark Johnson
Tribal Liaison POC	Denise Banker
Access and Functional Needs POC	Richard Devylder

National Terrorism Advisory System

Current Alerts



SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought

2014 Asics LA Marathon – 03/09/14 (Final)

The Los Angeles Marathon began on 03/09/14 at 0700 hours and was completed in just over 2 hours. Over 25,000 runners participated in the marathon. Per Cal OES SDO, Los Angeles County, Los Angeles City, Beverly Hills, and Santa Monica deactivated as of 1600 hours on 03/09/14. Per Cal LDO, LAPD demobilized as of 1700 hours on 03/09/14, there were no major incidents, and the marathon was a success for runners and spectators.

6.9 Magnitude Earthquake, Humboldt County (New)

- On 3/09/14 at 2218 hours a verified 6.9 Magnitude Earthquake occurred 40 miles off the coast of Eureka, Humboldt County
- No tsunami advisory, watch or warning is in effect for California
- There have been no reports of injuries or damage from any local government partners
- See Northern California Significant Events slide for further information

Near Term Outlook for Precipitation:

After scattered showers end on Monday, the rest of the week will likely be dry across California, as a strong high pressure area develops over the West Coast.

Significant Weather:

- Red Flag Warning in effect from 1000 to 2100 hours Tuesday for areas in San Bernardino County
- Fire Weather Watch in effect from Tuesday morning through Tuesday evening for portions of Imperial and Riverside Counties.

WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Eureka Weather:

Moderate to heavy rain will expand southward across Northwest California tonight as a front slowly passes through. After some lingering showers early Monday, much of the week looks dry and mild as strong high pressure returns.

San Francisco Weather:

A weak cold front will spread light rain across the North Bay this morning and down to portions of the San Francisco Bay region. After it passes, dry weather will return for the rest of the week. Daytime temperatures will slowly warm starting tomorrow with much-above normal readings slated for the weekend.

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY

Sacramento Weather:

Showers will taper off across Northern California by this afternoon as a frontal system moves south and east of the area. High pressure will bring a return of dry weather along with milder temperatures for the rest of the week. Breezy northerly winds are likely Tuesday.

Hanford Weather:

A weak weather disturbance will pass across the northern part of Central California this morning bringing just a chance of light precipitation. High pressure and dry weather will prevail this week with temperatures warming to well above normal by the weekend.

WEATHER SYNOPSIS BY REGION: (Con't)

SOUTHERN CALIFORNIA:

Los Angeles Weather:

A weak upper trough will pass to the north today brining a few high clouds and slightly cooler temperatures to the Los Angeles area. High pressure will build from the west while an upper low approaches from the northeast by Wednesday. This should bring Santa Ana winds to the region by Tuesday and continue through mid-week and will raise temperatures above normal across the coast and coastal valleys.

Extreme Southwestern California Including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:

An eastbound low pressure off the Pacific will suppress the warm high pressure ridge along the West Coast today. Onshore flow will increase redeveloping the marine layer temporarily and decrease daytime temperatures. On Tuesday the winds will turn offshore and become strong and gusty through and below passes and canyons Tuesday night through Wednesday. The offshore flow will weaken Thursday and Friday. An unseasonably strong high pressure ridge appears likely this weekend. Add some rebuilding offshore flow and it will become quite warm.

Southeast California Weather:

Mostly dry weather will continue over the Southeast California deserts this week. A weather system and weak front will move into the region Tuesday before slowly exiting Thursday, but little to no precipitation is expected. An increase in winds along the lower Colorado River Valley can be expected during this time. Temperatures will remain slightly above normal through the end of the week with highs in the lower 80s across the deserts. Even warmer temperatures are expected by the coming weekend.

California Precipitation Forecast 3/9/14 – 3/14/14

North Coast

Counties: Del Norte, Humboldt, Mendocino, Lake, Sonoma, Napa

- 0.25-0.50" in Sonoma and Napa Counties
- 2.00-4.00" in Del Norte County
- 2.00-3.00" in Humboldt County
- 1.00-2.00" in Lake and Mendocino Counties

Cascade – Sierra

Counties: Siskiyou, Modoc, Trinity, Shasta, Lassen, Plumas, Sierra, Nevada, Placer, El Dorado, Amador, Alpine, Calaveras, Tuolumne, Mariposa

- Generally 0.50-1.00" for the Region
- 1.00-1.50" in the higher elevations of Plumas County
- Up to 2" in the higher elevations of Shasta County
- 2.00-3.5" in eastern Siskiyou County
- 1.00-2.00" in Trinity County

Bay Area

Counties: Marin, San Francisco, Contra, Costa, Alameda

- 0.25-0.50" in Marin County
- 0.10-0.25" in San Francisco
- Less than 0.10" elsewhere

California Precipitation Forecast 3/9/14 – 3/14/14 (Cont.)

Sacramento Valley

Counties: Tehama, Glenn, Butte, Colusa, Sutter, Yuba, Yolo, Sacramento, Solano

- 0.50-1.00" in the northern part of the Valley
- 0.25-0.50" across the central part of the Valley
- 0.10-0.25" across the southern part of the Valley
- 1.00" or more in the foothills of Butte and Tehama Counties

San Joaquin Valley

Counties: San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare, Kern

- Less than 0.1" in the northern part of the valley.
- No precipitation expected in the southern part of the valley

Central Coast

Counties: Santa Cruz, Santa Clara, San Benito, Monterey, San Luis Obispo

- Less than 0.1"

South Coast

Counties: Santa Barbara, Ventura, Los Angeles, Orange, San Diego

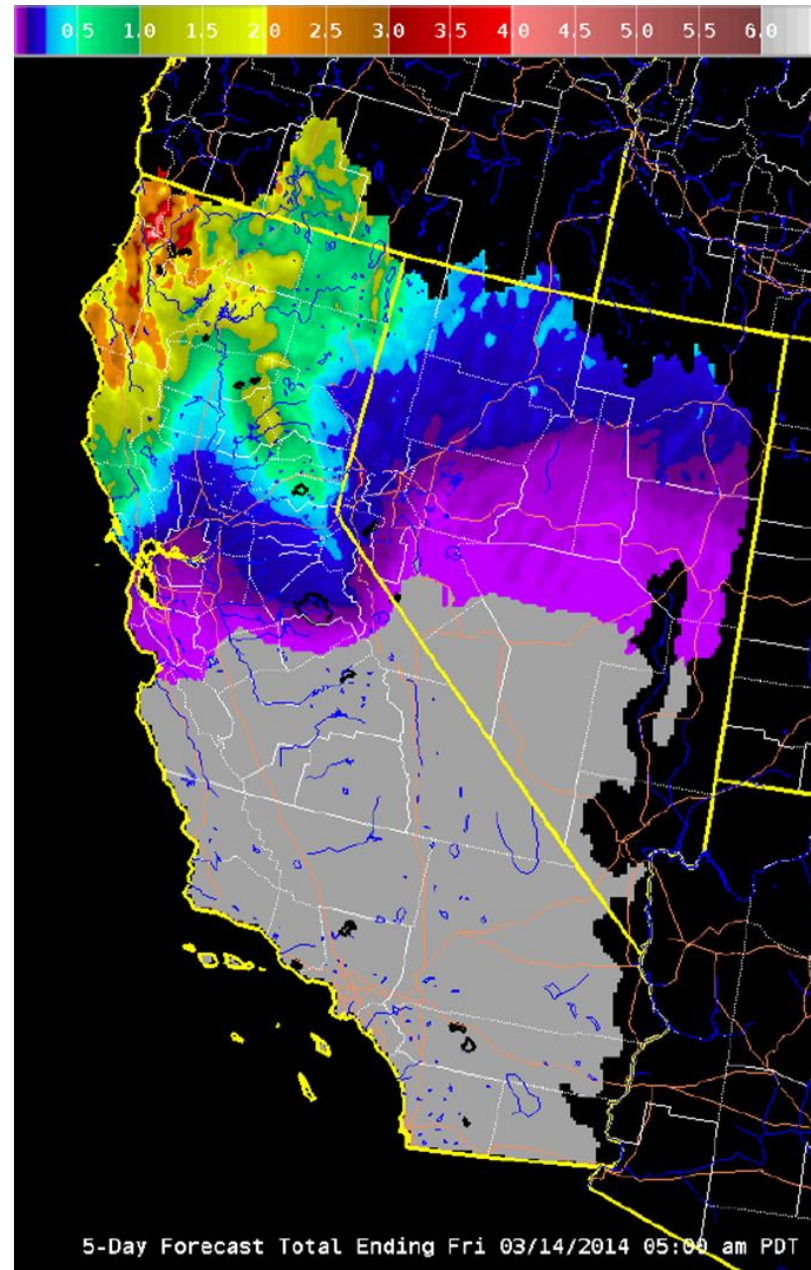
- No precipitation expected

Southeast Interior

Counties: Mono, Inyo, San Bernardino, Riverside, Imperial

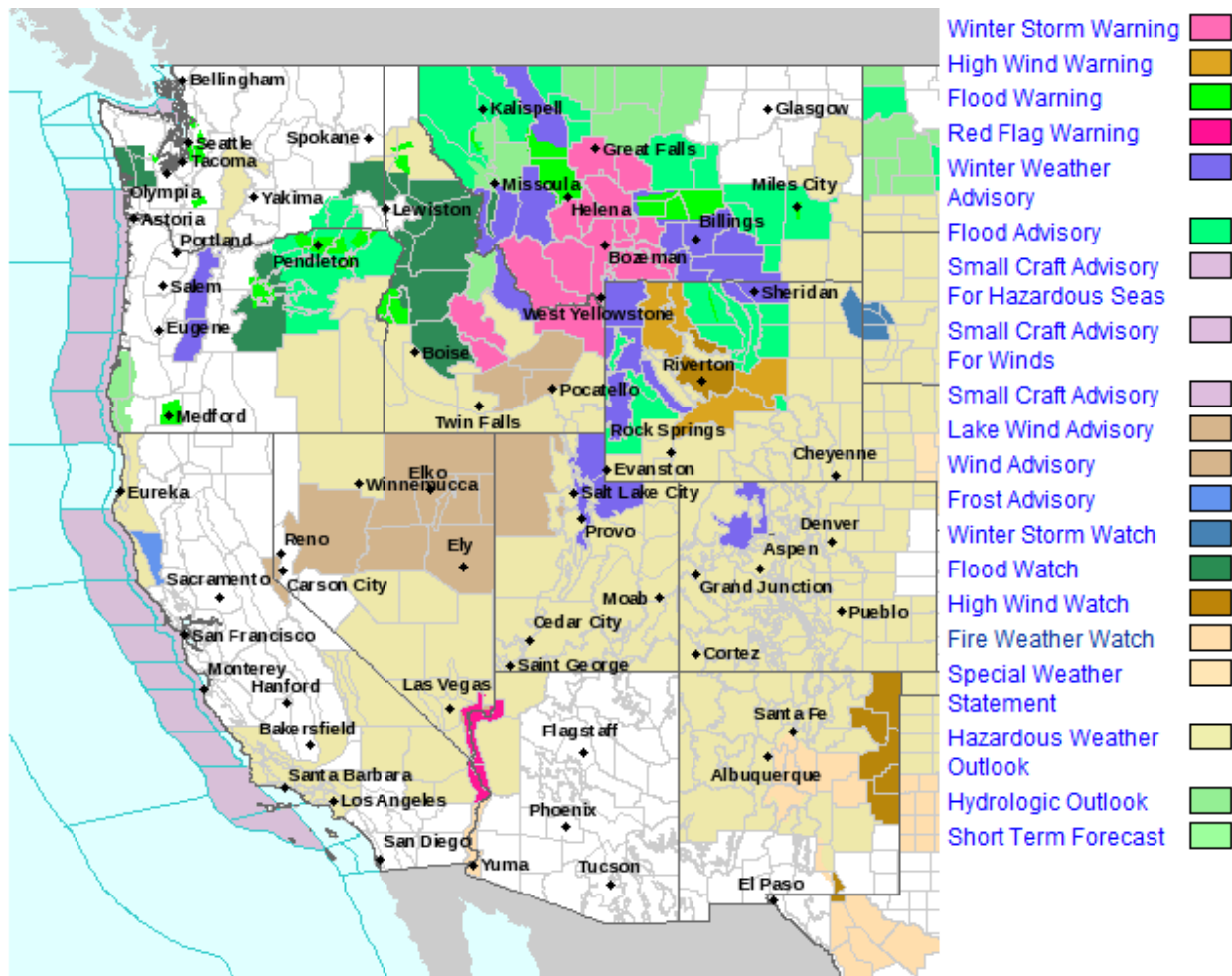
- No precipitation expected

California Precipitation Forecast Graphic 3/9/14 – 3/14/14



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

STATE WEATHER MAP



Last map update: Mar, 10th 2014 at 10:30:18 am MDT



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

FIRE ACTIVITY



Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report

CAL OES ACTIVATIONS

Cal EOC Incident – 2014 Drought

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily.
- The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed.
- The Southern REOC is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (No Change)

- Strong winter storms hit California beginning Wednesday 2/26/14 through Sunday 3/2/14 bringing heavy rain and snow across the state. Both Northern and Southern California received significant rain, and the Sierra Nevada's gained substantial snowpack. Northern California continues to experience showers throughout the week. Even with this significant precipitation, the state continues to be in a severe drought. Reservoir levels remain low despite these recent storms. The drought could result in severe impacts to municipal water supplies, wells, agriculture (plants and livestock) and firefighting capabilities for several months. The State Operations Center (SOC) continues to be activated to monitor the situation statewide, and support regional and local operational areas.
- The Drought Task Force leaders traveled to Merced for another of its local meetings on Tuesday, 3/4/14. The Taskforce continues to meet weekly to take actions that conserve water and coordinate state response to the drought.
- Sixteen counties and four Native American tribes have proclaimed a local state of emergency as a result of the drought. The California Public Utilities Commission regulates all for-profit water utilities in the state and has ordered private water utilities to implement 20% voluntary water use reductions.
- The recent snowpack survey conducted on 2/27/14, recorded California snowpack at 24% of normal. A more recent update using automated devices after the recent storm (March 6) shows snowpack at 33% of normal.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.

Cal EOC Incident – 2014 Drought (Cont.)

Situational Summary: (Cont.)

- On March 4th and 5th the Groundwater Resources Association of California held a conference at McClellan Park in Sacramento to discuss groundwater issues and water management and strategies addressing challenges of Sustainability and Drought in California. It was organized in cooperation with *The U.S. Society for Irrigation and Drainage Professionals* (USCID)
- Cal OES continues to gather drought-related costs from state agencies and local governments.

Current Conditions:

****Despite above average rain and snow in February, much of California has received only about 50% of normal precipitation for this rainy season. Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall levels. Even with such precipitation, California would remain in drought conditions, due to low water supplies in reservoirs from the two previous dry years.****

Current Drought Updates:

- 2014 Drought Response Report – Attached ([Update](#))
- ***[Please see attachment for the Weekly Drought Update](#)***

Declarations/Resolutions/Proclamations: (No Change)

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

Declarations/Resolutions/Proclamations: (Cont.)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations			
Inland Region			
County		Request	Reaffirmation Received
Glenn	1/30/2014	State and Federal relief	
Kern	1/14/2014	Gubernatorial and Presidential	
Kings	1/14/2014	State and Federal assistance	
Madera	1/28/2014	No specific request	
Merced	3/6/2014	No specific request	
Modoc	3/5/2014	No specific request	
San Joaquin	1/28/2014	No specific request	3/4/2014
Sutter	2/11/2014	Gubernatorial and Presidential	
Tulare	2/4/2014	CDAA and Federal assistance	3/3/2014
Tuolumne	2/4/2014	CDAA and Federal assistance	
Yuba	2/18/2014	Gubernatorial and Presidential	
Coastal Region			
County		Request	Reaffirmation Received
Lake	3/6/2014	CDAA and Federal assistance	
Mendocino	1/7/2014	No specific request	
Sonoma	2/25/2014	CDAA and Federal assistance	
Southern Region			
County		Request	Reaffirmation Received
Inyo	1/28/2014	CDAA	
Santa Barbara	1/17/2014	No specific request	

Declarations/Resolutions/Proclamations: (Cont.)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro Community Services Dist. Mariposa	2/18/2014	Declare a Stage I Water Emergency
Karuk Tribe Siskiyou, Humboldt	2/18/2014	Enact Tribal emergency authorities
Mariposa Public Utility District	2/4/2014	Enact District conservation measures
Coastal Region		
City/Tribe/Special District		Request
Hoopa Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte, Humboldt	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Southern Region		
City/Tribe/Special District		Request
Carpinteria Valley Water District	2/12/2014	Declare a Stage I Water Emergency
Meiners Oaks Water District	3/4/2014	Declare a Stage II Water Emergency



Counties Which Have Established a Drought Task Force (DTF)

Information as of 3/4/14

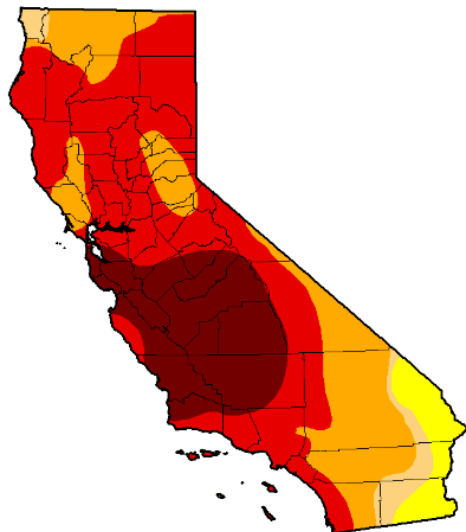
County Drought Task Force Upcoming Meetings		
Inland Region		
County	Previous Meetings	Upcoming Meetings
Amador	3/2/2014	
Butte	2/18/2014	5/19/2014
Fresno		3/10/2014
Madera	2/18/2014	3/11/2014
Merced		3/19/2014
Modoc	2/25/2014	
Nevada	1/22/2014	2/28/2014
Placer	2/19/2014	3/12/2014
Plumas	2/24/2014	3/17/2014
Sacramento	2/21/2014	3/7/2014
San Joaquin	2/19/2014	3/19/2014
Siskiyou	2/19/2014	
Solano		
Stanislaus	3/3/2014	3/19/2014
Sutter		3/13/2014
Tehama		
Tulare		3/10/2014
Tuolumne	2/28/2014	3/28/2014
Coastal Region		
County	Previous Meetings	Upcoming Meetings
Mendocino	2/26/2014	
Monterey		
San Mateo		3/18/2014
Santa Clara	2/27/2014	
Southern Region		
County	Previous Meetings	Upcoming Meetings
San Luis Obispo		3/11/2014
Santa Barbara		3/12/2014



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

U.S. Drought Monitor

California



March 4, 2014

(Released Thursday March 6, 2014)

Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3/4/2014	0.00	100.00	94.56	90.82	65.89	22.37
Last Week	2/25/2014	0.00	100.00	94.56	90.82	73.83	26.21
3 Months Ago	12/3/2013	2.61	97.39	94.15	82.53	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	3/5/2013	0.03	99.97	47.37	26.96	0.00	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Author(s):

David Miskus, NOAA/NWS/NCEP/CPC



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Northern California – Significant Activity

6.9 Magnitude Earthquake, Humboldt County

- **Situation**

- On 3/09/14 at 2218 hours a verified 6.9 Magnitude Earthquake occurred 40 miles off the coast of Eureka, Humboldt County.
- No tsunami advisory, watch or warning is in effect for California
- There have been no reports of injuries or damage from any local government partners
- Aftershocks continue but appear to be subsiding

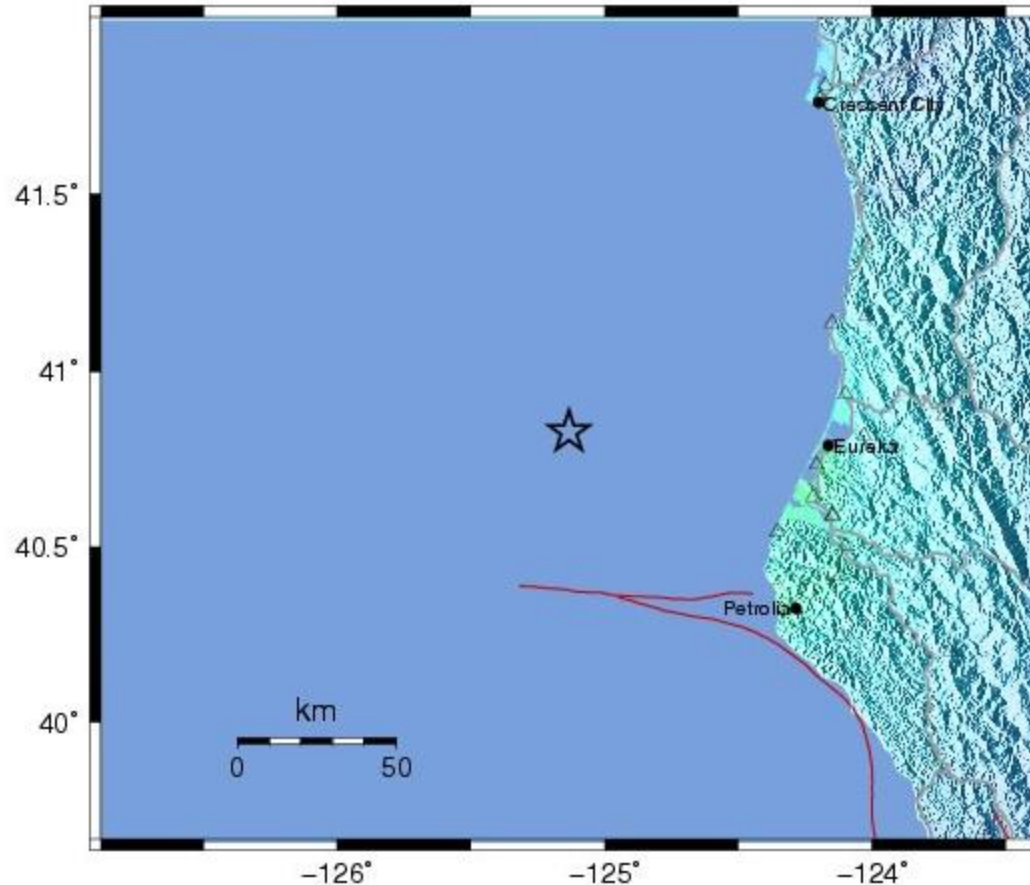
- **Analysis**

- Per California Geological Survey, the epicenter was west of the Cascadia Subduction Zone and there are no unusual tide gauges in Crescent City and Humboldt Bay at this time
- Per USGS, historical earthquakes in the area have caused secondary hazards such as landslides and liquefaction

- **Response**

- A Cal OES Coastal Region representative will be dispatched to Humboldt County to gather information and perform a damage assessment during daylight hours
- Cal OES Coastal Region and Earthquake and Tsunami Program duty officers continue to monitor the situation

USGS ShakeMap : 78.5 km (48.8 mi) WNW of Ferndale, CA
 Mon Mar 10, 2014 05:18:13 AM GMT M 6.9 N40.83 W125.13 Depth: 16.6km ID:72182046



Map Version 13 Processed Mon Mar 10, 2014 11:18:52 AM GMT

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod/Heavy	Heavy	Very Heavy
PEAK ACC (%g)	<0.1	0.5	2.4	6.7	13	24	44	83	>156
PEAK VEL (cm/s)	<0.07	0.4	1.9	5.8	11	22	43	83	>160
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Wald, et al., 1999



Cal OES
 GOVERNOR'S OFFICE
 OF EMERGENCY SERVICES

CAL OES MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

Ongoing Cal OES Missions

- **2014-SREOC-2453** On 3/5/2014, San Bernardino County Fire OES is requesting communications support for Baker to Vegas Challenge Cup Relay on March 20, 2014. Cal OES T-Comm representative is coordinating the required resources.
- **2014-LAW-2401** 02/28/14, 1510 hours, Santa Cruz Sheriff's Department requested the assistance of the Santa Clara County Sheriff's Department historic human remains detection (HRD) K-9 Teams. Santa Clara County SO agreed to support the mission. LDO notified the Cal OES K-9 Coordinator of the resource request. The search is scheduled for 03/12/14.

Ongoing Cal OES Missions (Cont.)

- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Rehearsal of Concept Drill - April 2, 2014
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26th between 1100 – 1300 hours PDT.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.